

Second Announcement



14 LIFE BELOW WATER



2021
2030

United Nations Decade
of Ocean Science
for Sustainable Development



National Conference on

NCMPE 24

Marine Pollution & Ecotoxicology

Crisis to Conservation: Uniting for Marine Health

"Forum to Promote Interdisciplinary Science"

September 25th -27th, 2024

**Venue: Seminar Complex, Cochin University of Science and Technology,
Kalamassery, Kochi, Kerala - 682022**

Organized by

Dept. of Marine Biology, Microbiology & Biochemistry

School of Marine Sciences, Lakeside Campus
Cochin University of Science and Technology, Cochin-16



In association with

National Centre for Coastal Research (NCCR), MoES, Govt. of India

&

CSIR- Indian Institute of Toxicology Research (IITR), Govt. of India



NCCR

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Association of Fisheries
Graduates



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Background

Marine ecosystem encompassing over 70 % of the earth's area, provides the vital supplies of food, and biodiversity; maintaining the trophic structure and ecosystem services. Unfortunately, these vital ecosystems face an escalating threat – marine pollution. Marine pollution encompasses various harmful substances introduced into the marine environment, resulting in detrimental effects on both marine life and human health. It manifests in numerous forms, including chemical pollution from industrial runoff, the insidious spread of non-biodegradable plastic waste, catastrophic oil spills from maritime activities, excessive nutrient runoff leading to harmful algal blooms, and sediment pollution through erosion.

The repercussions of marine pollution are profound and wide-reaching. Ecosystems such as coral reefs and kelp forests suffer extensive damage, marine species face endangerment through habitat degradation and ingestion of pollutants, and humans risk health issues through the consumption of contaminated seafood and exposure to polluted beach water. Moreover, the economic consequences are significant, with losses impacting fisheries, tourism, and coastal communities. Understanding and addressing these issues is where ecotoxicology plays a pivotal role. Ecotoxicology is the study of how pollutants affect living organisms and ecosystems. It helps us comprehend processes like bioaccumulation and biomagnification, toxicity testing, and environmental risk assessment. Recent advances in ecotoxicological research, including the use of molecular tools and modeling techniques, offer hope for better strategies to mitigate and prevent marine pollution. To protect our oceans, we must combine knowledge, conservation efforts, and individual actions, ensuring a healthier future for our planet and generations to come. In light of these conditions, the "National Conference on Marine Pollution and Ecotoxicology (NCMPE24)" emerges as an excellent forum for addressing marine pollution issues at local, regional, and global scales. The conference promises to foster more effective resolutions to these pressing problems, aiming to secure a better future for our marine environments.

Venue of the Conference:

Kochi, nicknamed the Queen of the Arabian Sea and the business capital of Kerala will be the venue of the "National Conference on Marine Pollution and Ecotoxicology (NCMPE24)". The conference will be hoisted at the Seminar Complex, Cochin University of Science and Technology, Kochi, Kerala. Many national fishery institutes, university departments, and other research institutions in Kochi are working on marine pollution and related studies. Kochi, located in Kerala, also known as "God's Own Country," offers visitors lush green landscapes, backwaters, and scenic ocean views. Renowned for its rich history and culture, Kochi preserves much of its British-era architecture, attracting tourists to landmarks such as Fort Kochi and the Hill Palace Museum.



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Technical Sessions:

1. Legacy and Emerging Pollutants in Marine Ecosystems
2. Environmental Toxicology
3. Changing environment, human health, and risk assessment
4. Seafood safety and sustainable aquaculture
5. Innovative technologies and regulatory framework

Abstract Submission:

The deadline for the submission of abstracts will be 31/08/2024. All abstracts will be reviewed by a panel of experts and selected for oral/poster presentations. At least one of the authors must register by paying the required registration fee, and only those who have registered for the conference will be allowed to attend. Guideline for abstract submission and a model template can be downloaded from the conference website.

Selected abstracts will be considered for publication in a special issue of the *Journal of Earth System Science*, Springer.



Springer



Registration

Delegates can register online by following the guidelines given on the conference Website- www.ncmpe2024.com

LAST DATE FOR

Registration: 12/09/2024

Abstract Submission: 12/09/2024

Honorary Awards:

- ❖ Dr. N Balakrishnan Nair Award
- ❖ Dr. N R Menon Award
- ❖ Dr. Ajmal Khan Award
- ❖ **CUSAT Paristhithi Shreshta Puraskaram**

Marine Science Expo



www.ncmpe2024.com



secretariat@ncmpe2024.com

Registration fees:

- ❖ **Students:** Rs. 500
- ❖ **Research Scholars / Project Associates/ Post Doctoral Fellows:** Rs. 1500
- ❖ **Project Scientists / Research Associates:** Rs. 2000
- ❖ **Scientists and Faculties:** Rs. 2500

(The registration fees will cover admission to the conference, conference materials, lunch, and refreshments)

Accommodation: Lodging will be arranged for the participants on a prior request on a payment basis.

For Registration Fee Payment

Account. No: 38130130031

IFSC Code: SBIN0008614

Bank: SBI, Broadway Branch, Kochi

Name: Dr. S. Bijoy Nandan

OR

Scan QR Code



For correspondence

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